

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G10H 7/00, G06N 3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G10H, G06N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6356884 B1 (STEPHEN L. THALER), 12 March 2002 (12.03.2002), column 1, line 9 - line 35; column 8, line 61 - column 11, line 19 --	1-31,34
A	US 5285522 A (MUELLER, P H), 8 February 1994 (08.02.1994), abstract --	1-31,34
A	US 5072130 A (DOBSON, V G), 10 December 1991 (10.12.1991), abstract --	1-31,34
A	US 4926064 A (TAPANG, C C), 15 May 1990 (15.05.1990), abstract --	1-31,34

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
30 December 2004	03-01-2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Tomas Erlandsson /LR Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT
WO 2005/093711

Internat PCT/IB2004/001053
PCT/IB 2004/001053

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5151969 A (PETSCHÉ, T), 29 Sept 1992 (29.09.1992), abstract --- -----	1-31,34

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/001053

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 35, 36
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

Claims 35 and 36 comprise meaningless phrases without any relevance for any kind of invention.

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. Independent claims 1, 21, 22, 29 and 34.
2. Independent claim 32.

Since inventions 1-2 do not have any common special technical feature, inventions 1-2, a priori, do not satisfy the requirement of unity of invention.

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1 - 31, 34

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No. PCT/IB 2004/001053	
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US	6356884	B1	12/03/2002	US	6018727	A	25/01/2000
				US	6115701	A	05/09/2000
				AU	689677	B	02/04/1998
				AU	4193696	A	06/05/1996
				CA	2199969	A	25/04/1996
				DE	69525059	D,T	02/10/2002
				EP	0786106	A,B	30/07/1997
				GB	2308476	A,B	25/06/1997
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				WO	9612221	A	25/04/1996
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US	5285522	A	08/02/1994	US	5155802	A	13/10/1992
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US	5072130	A	10/12/1991	GB	8619452	D	00/00/0000
				JP	2500392	T	08/02/1990
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US	4926064	A	15/05/1990	CA	1328023	A,C	22/03/1994
				JP	2847133	B	13/01/1999
				JP	4507014	T	03/12/1992
				WO	9102325	A	21/02/1991
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US	5151969	A	29/09/1992	EP	0465496	A	15/01/1992
				WO	9011564	A	04/10/1990
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